



CONSTRUCTION EQUIPMENT

SPM579126 VOLVO A30G 740113 - WET DISC BRAKE



Sample No: VCP407220
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No: SPM579126



SAMPLE INFORMATION

Sample Number	VCP407220	VCP365834	---	---
Sample Date	06 Jul 2023	28 Nov 2022	---	---
Machine Hours	9329	8980	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changed	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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5000 INDUSTRIAL HWY
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T: (312)350-2560
F:



OIL CONDITION

Visc @ 40°C	cSt	42.5	43.0	---	---
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CONTAMINATION

Silicon	ppm	18	16	---	---
Sodium	ppm	4	4	---	---
Potassium	ppm	0	1	---	---

Diagnosis
No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	44	47	---	---
Copper	ppm	42	70	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	4	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	<1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	4045	3700	---	---
Magnesium	ppm	28	21	---	---
Zinc	ppm	1655	1536	---	---
Phosphorus	ppm	1226	1219	---	---
Barium	ppm	0	0	---	---
Boron	ppm	134	115	---	---

Depot: VOLVO8885
Unique No: 10560818
Signed: Don Baldrige
Report Date: 18 Jul 2023

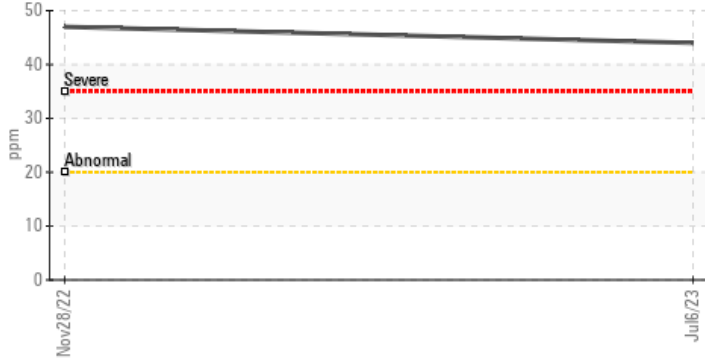


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GRAPHS

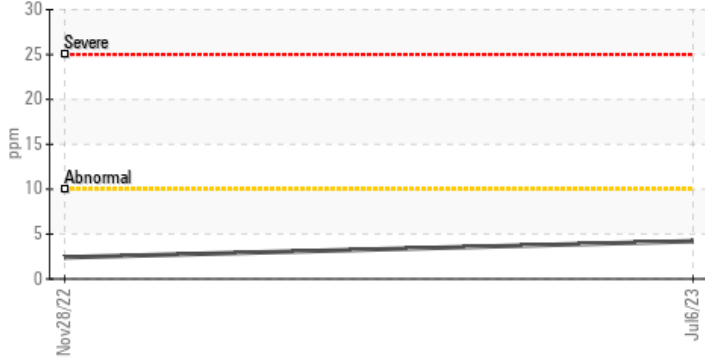
▲ Iron (ppm)



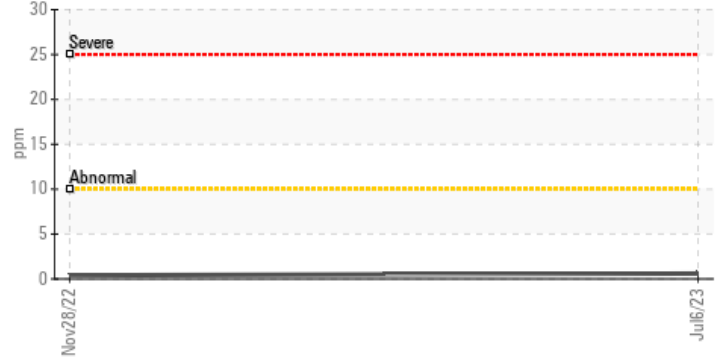
Lead (ppm)



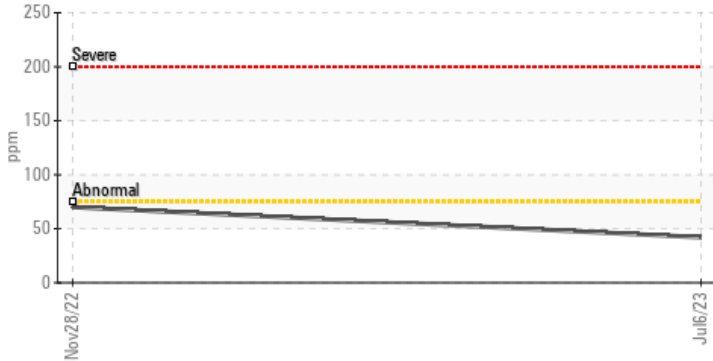
Aluminum (ppm)



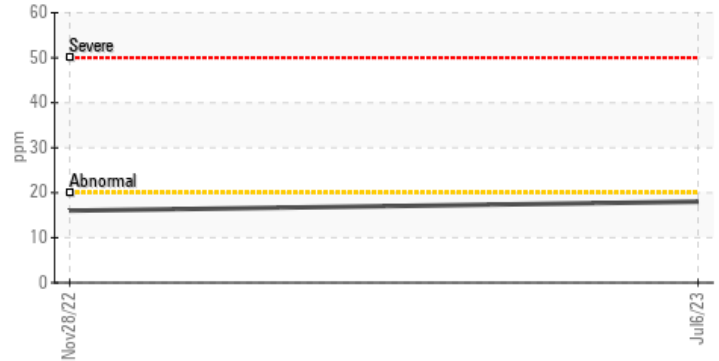
Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

